



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2017

DUP & BLANK

PAGE 1 OF 2

Data Qualified?
Yes / No

STORET Station Name: McKay Creek Date: 6-12-17
(mm/dd/yyyy)
STORET Station ID: G5SW 0126 WBID: 11633B Latitude: 27° 54' 34" N
(Decimal Degrees)
County: Pinellas RQ: 2017-06-12-40 ORG ID: 21FLTPA Longitude: 82° 48' 58.9" W
(Decimal Degrees)
Receiving Body of Water: _____ Field ID: G5SW0126

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
JANAY ASHTON			X		X	X	X	X
LARKIE BRITTON		X		X				

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Equipment ID: _____		

Collection Method		
☒ Wading	☐ Via Boat	
☐ From Shore	☐ Canoe/Kayak	
☐ Other (note below)	☐ Electric Motor	
	☐ Gasoline Motor	

Water Level: Dry / Pooled / <u>Low</u> / Normal / High / Flooded	Matrix: <u>Fresh</u> / Marine / DI
Meter ID# <u>WEEZE</u> Photos: Yes / <u>No</u>	Tide Falling: <u>Yes</u> / No / NA

Field Sample

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1110	0.3	0.4	5.1	75	7.3	3.43	0.4	6359	28.1
CEN								"5"		

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other _____
SBIO ID Numbers: SBIO-ID: 77701 RPS-ID: 8710 Macrophyte-ID: 10525 LIMS#: 1905715

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4			☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO2			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHL-SUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☒ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococcus ☐ PCR-FILTER	☐ Ice			
Tracers	☒ W-SUC-AA-R ☒ W-UHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other			

Contains
1:1
Sulfuric Acid
SA-6302030
EXP: 10/28/17
Warning!
See SDS

242

QA/QC Sample Information

Duplicate

Time Zone: EST CEN		Sample Depth (m): <u>0.4</u>		Field ID: <u>65SW0126</u>	
Time: <u>1115</u>		Total Depth (m): <u>0.4</u>			
Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H ₂ SO ₄			☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	Place Preservative Sticker(s) Here (If Available)		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☒ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enteroc ☐ PCR-FILTER	☐ Ice			
Tracers	☒ W-SUC-AA-R ☒ W-UHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other			

Blank

Time Zone: EST CEN		Time: <u>1170</u>		Field ID: _____		Location: _____	
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: _____					
Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check		
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H ₂ SO ₄			☒ < 2		
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2		
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	Place Preservative Sticker(s) Here (If Available)				
Chlorophyll	☒ CHLSUITE-W	☒ Ice					
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice					
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☒ Ice					
Microbiology	☐ E Coli ☐ F Coli ☐ Enteroc ☐ PCR-FILTER	☐ Ice					
Tracers	☒ W-SUC-AA-R ☒ W-UHERB-AA	☐ Ice					
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Other					

Notes:

Event 06-13-03

RQ-2017-06-12-40
Date: 06-12-17
Time:



McKay Creek

Signature: [Signature]

Date: 6-12-17

Field Parameters Entered into LIMS: SM 06/26/2017

Field Parameters QC in LIMS: SM 08/29/2017 + B10

Date Migrated to STORET: MB 9/6/17 122638

Field Sheets Scanned/Saved: SM 09/25/2017

PCR - 17-06-13-03

Site: MCKAY CREEKCounty: PINELLASDate: 6-12-17Investigators: J. ASHTON, L. BAUTLER

Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N - 6)	Canopy Cover	Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N - 6)	Canopy Cover	Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N - 6)	Canopy Cover
0	1	N	0	40	1	N	0	80	1	N	0
	2	N			2	N			2	N	
	3	N			3	N			3	N	
	4	N			4	N			4	N	
	5	N			5	N			5	N	
	6	N			6	N			6	N	
	7	N			7	N			7	N	
	8	N			8	N			8	N	
	9	N			9	N			9	N	
10	1	N	0	50	1	N	0	90	1	N	0
	2	N			2	N			2	N	
	3	N			3	N			3	N	
	4	N			4	N			4	N	
	5	N			5	N			5	N	
	6	N			6	N			6	N	
	7	N			7	N			7	N	
	8	N			8	N			8	N	
	9	N			9	N			9	N	
20	1	N	0	60	1	N	0	100	1	N	0
	2	N			2	N			2	N	
	3	N			3	N			3	N	
	4	N			4	N			4	N	
	5	N			5	N			5	N	
	6	N			6	N			6	N	
	7	N			7	N			7	N	
	8	N			8	N			8	N	
	9	N			9	N			9	N	
30	1	N	0	70	1	N	0		1	N	
	2	N			2	N			2	N	
	3	N			3	N			3	N	
	4	N			4	N			4	N	
	5	N			5	N			5	N	
	6	N			6	N			6	N	
	7	N			7	N			7	N	
	8	N			8	N			8	N	
	9	N			9	N			9	N	

# points ranked 4-6	0
total points assessed	99
% points ranked 4-6	0

Secchi depth: 0.4

Check accompanying data collected at same site/date.

Algal mat sample	
Habitat Assessment	
Linear Veg. Survey	✓
SCI/Biorecon (circle 1)	
Water sample	✓
RQ 7017-06-12-40	

Algal Thickness Rank	
N	rough, no algae; slimy; algae to 1 mm
3	>1mm - 6 mm
4	>6 - 20 mm
5	>20 mm - 10 cm
6	>10 cm

Record "N" for points deeper than the Secchi depth; algae are presumed absent. Record "X" for points shallower than Secchi depth for which substrate cannot be seen or reached with the hand. Note if thickness estimated for deep points which can be seen but not reached.

Record canopy cover as the number of small densiometer quadrants (out of 96) that HAVE canopy cover. Measure facing upstream at point 4, 5, or 6.

Collect an algal mat sample following DEP SOP FS 7240 if the percentage of total sampled points with a thickness rank of 4, 5, or 6 is >20%.

Waterbody: McVAY Creek

Date: 6-17-17

County: Pinckets

Storet Number: 655W0126

Analyst: Judy Ashton

Signature: [Signature]

Comments:

Instructions: Note taxa growing in the water with a checkmark if present, "D" if dominant, and "C" if codominant (dominance only if 1 m² of taxa present). Note in the boxes below if no dominant are selected, and note total macrophyte abundance rank for each section. Only the most common taxa are listed, so use blank spaces for additional taxa names.

Species for additional taxa names.		Meter Mark										Specimen collected (check)	Meter Mark										Specimen collected (check)	
HERBACEOUS SPECIES		0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100		HERBACEOUS SPECIES		0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80		80-90
<i>Alternanthera philoxeroides</i>		X	X	X	X	X	X	X		X	X		<i>Micranthemum glomeratum</i>											
<i>Bacopa caroliniana</i>													<i>Micranthemum umbrosum</i>											
<i>Bacopa monnieri</i>		X	X	X	X	X	X	X	X	X	X		<i>Myriophyllum aquaticum</i>											
<i>Bidens mitis</i>													<i>Najas guadelupensis</i>											
<i>Boehmeria cylindrica</i>													<i>Nuphar luteum</i>											
<i>Centella asiatica</i>													<i>Orontium aquaticum</i>											
<i>Cephalanthus occidentalis</i>													<i>Panicum hemitomon</i>											
<i>Ceratophyllum demersum</i>													<i>Panicum repens</i>		X	X	X	X	X	X	X	X	X	X
<i>Chara</i>													<i>Panicum rigidulum</i>											
<i>Cicuta maculata</i>													<i>Pistia stratioides</i>											
<i>Cladium jamaicense</i>													<i>Polygonum glabra</i>											
<i>Colocasia esculenta</i>		X	X	X	X	X	X				X		<i>Polygonum hydropiperoides</i>											
<i>Crinum americanum</i>													<i>Polygonum punctatum</i>											
<i>Diodia virginiana</i>													<i>Pontedaria cordata</i>											
<i>Eichhornia crassipes</i>		X	X	X	X	X	X			X	X		<i>Potamogeton illinoensis</i>											
<i>Eleocharis (wispy viviparous)</i>													<i>Ruellia simplex</i>											
<i>Hydrilla verticillata</i>													<i>Sacciolepis striata</i>											
<i>Hydrocotyle</i>		X	X	X	X	X	X	X	X	X	X		<i>Sagittaria kurziana</i>											
<i>Hygrophila polysperma</i>													<i>Sagittaria lancifolia</i>											
<i>Hymenocallis</i>													<i>Sagittaria latifolia</i>											
<i>Itea virginica</i>													<i>Selix caroliniana</i>											
<i>Lachnanthes caroliniana</i>													<i>Salvinia minima</i>											
<i>Landoltia punctata</i>													<i>Samolus parviflora</i>											
<i>Lemna</i>													<i>Saururus cernuus</i>											
<i>Limnophila sessiflora</i>																								



Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = ice H = (HCl) S = (H₂SO₄) N = (HNO₃) T = (Sodium Thiosulfate)

FOR DRINKING WATER USE:	
(When PWS Information not otherwise supplied)	PWS ID: _____
Contact Person: _____	Phone: _____
Supplier of Water: _____	
Site-Address: _____	

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: WQAP

Requester: Judy Ashton

Field Report Prepared By:

Project ID: SMP

Collected By: J. Ashton, L. Bahtler

Sampling Agency:

Location	RQ-2017-06-12-40 Date: 06-12-17 Time:		Field ID: G5SW0126 Field ID STORET: ↑↓ Barcode: G5SW0126		☐ Comp ☒ Grab Collection (comp begin or grab) Date: 6-12-17 Time: 1110		Eastern Central Composite end Date: Time:		Bottle Group(s) (See pg 2)	
Field ID	McKay Creek		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 5.7		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
STORET #	Latitude		Temp (C) 28.1		pH 7.3		Sample Depth 0.3		☐ ft ☒ m Sp. Conductance (umho/cm) 6,359	
☐ dms Salinity (ppt) 3.43			Comments: DROPPES W/ E. COLI & ALL							
Location	RQ-2017-06-12-40 Date: 06-12-2017 Time:		Field ID: G5SW0126 Field ID STORET: ↑↓ Barcode: G5SW0126		☒ Comp ☒ Grab Collection (comp begin or grab) Date: Time:		Eastern Central Composite end Date: Time:		Bottle Group(s)	
Field ID	McKay Creek Dup		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
STORET #	Latitude		Temp (C)		pH		Sample Depth		☐ ft ☒ m Sp. Conductance (umho/cm)	
☐ dms Salinity (ppt)			Comments: DUPLICATE - TRACER ONLY							
Location	RQ-2017-06-12-40 Date: 06-12-2017 Time:		Field ID: BLANK Field ID STORET: ↑↓ Barcode: BLANK		☐ Comp ☐ Grab Collection (comp begin or grab) Date: Time:		Eastern Central Composite end Date: Time:		Bottle Group(s)	
Field ID	BLANK		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
STORET #	Latitude		Temp (C)		pH		Sample Depth		☐ ft ☐ m Sp. Conductance (umho/cm)	
☐ dms Salinity (ppt)			Comments: BLANK - TRACER ONLY							
Location			☒ Comp ☒ Grab Collection (comp begin or grab) Date: Time:		Eastern Central Composite end Date: Time:		Bottle Group(s)			
Field ID			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)	
STORET #			Temp (C)		pH		Sample Depth		☐ ft ☐ m Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms Longitude		☐ dd ☐ dms Salinity (ppt)		Comments					

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

J. Ashton

6-12-17 1700

MED exp

1

Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						
Group: B	Bottle Type:	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	PCR-FILTER						
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	SWD-AEL-EC						
Group: B	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	3
	W-AHERB-AA						
	W-SUC-AA-R						
	W-UHERB-AA						

DROPPED OK 2 AEL